

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

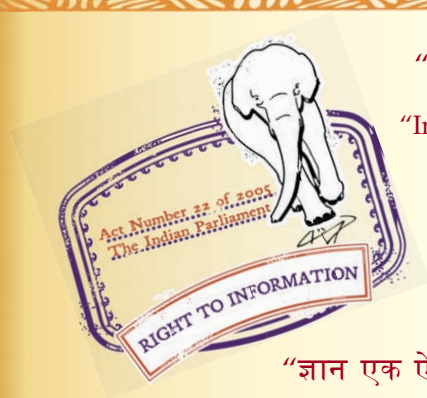
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 6860 (1973): Pin Punches [PGD 6: Earth, Metal And Wood Working Hand Tools]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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AMENDMENT NO. 1 JULY 1975
TO
IS : 6860-1973 SPECIFICATION FOR
PIN PUNCHES

Corrigendum

(Page 2, clause 3, Example)—Substitute 'IS : 1570-1961 ' for
'IS: 1570-1971'

{ EDC 12 }

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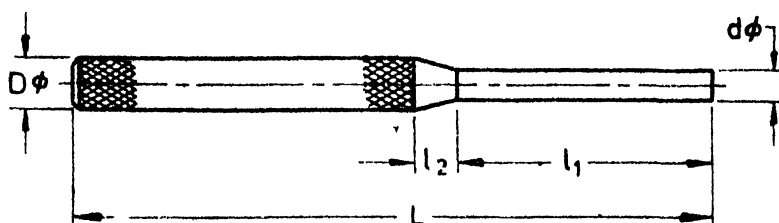


Indian Standard
SPECIFICATION FOR
PIN PUNCHES

1. **Scope** — Lays down the general requirements for pin punches.

2. **Dimensions**

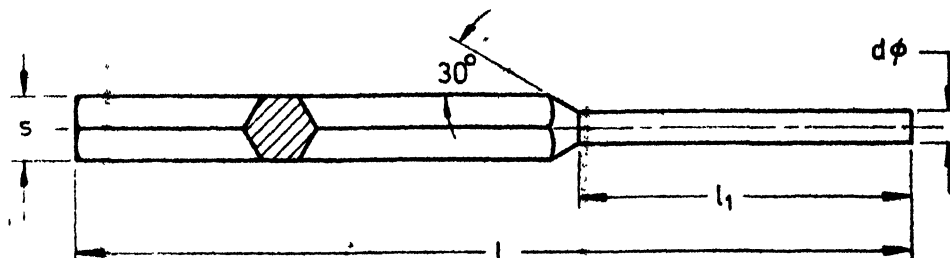
2.1 *Pin Punches, Type A*



All dimensions in millimetres.

Nominal Size	d +0 -0.3	L ± 2	l_1 ± 2	l_2	D ± 0.5
2	2	100	20	10	7
2.5	2.5	100	25	10	7
3	3	100	30	8.5	8
5	5	110	35	9.5	10
6	6	125	50	9.5	10

2.2 *Pin Punches, Type B*



All dimensions in millimetres.

Nominal Size	d +0 -0.3	L ± 2	l_1 ± 2	s $\pm .5$
2.5	2.5	120	35	8
3	3	130	35	10
4	4	150	45	12
5	5	150	45	12
6	6	165	65	12
8	8	165	65	12

Adopted 2 February 1973

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Price Rs. 3.00

INDIAN STANDARDS INSTITUTION
MANAK BHAVAN, 6 SAHADUR SHAH ZAFAR MARG
NEW DELHI 1

Rs. 3.00 C

IS : 6860 - 1973

3. Material — The pin punches shall be manufactured from a suitable steel conforming to the requirements laid down in 4.

Example:

Steels conforming to Designation T65 and T75 with a maximum sulphur and phosphorous content of 0.05 percent each of Schedule VI of IS : 1570-1971 'Schedules for wrought steels for general engineering purposes' are suitable steels for this purpose.

4. Hardness — The working length of the punches shall have a hardness within the range of 400 to 500 HV [see IS : 1501-1968 Methods for Vickers hardness test for steel (*first revision*)].

5. Manufacture — The punches shall be soundly forged and machined. The shanks of Type A punches shall be properly knurled. The punches shall be free from cracks, pits, flaws, seams, burrs and other defects.

6. Designation — The pin punches shall be designated by the commonly used name, type, nominal size and the number of this standard. A pin punch of Type A and of 5 mm nominal size shall be designated as:

Pin Punch A5, IS : 6860

7. Marking — The pin punches shall be marked with the manufacturer's name, initials or recognized trade-mark.

7.1 ISI Certification Marking — Details available with the Indian Standards Institution, New Delhi 1.

8. Packing — The pin punches shall be packed in accordance with the best prevalent trade practice.

9. Sampling — Unless otherwise agreed to between the supplier and the purchaser, the procedure given in IS : 2500 (Part I) - 1963 'Sampling inspection tables; Part I Inspection by attributes and by count of defects' shall be followed for sampling inspection. The sampling plan for various characteristics shall be as given in 9.1 and 9.2.

9.1 For dimensions and manufacture, the sampling plan with inspection level III and acceptable quality level (AQL) 4 percent as given in Tables 1 and 2 of IS : 2500 (Part I) - 1963 shall be followed.

9.2 For hardness, the sampling plan with inspection level I and acceptable quality level (AQL) 2.5 percent as given in Tables 1 and 2 of IS : 2500 (Part I) - 1963 shall be followed.

EXPLANATORY NOTE

This standard lays down the requirements for pin punches used by tool makers, fitters and artisans for driving out light fit pins during dismantling and assembly.

While preparing this standard, assistance has been derived from Specification No. IND/GS/470 (D) issued by the Chief Inspectorate of General Stores, Kanpur.